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Biome Medic Shows 74% Reduction of Glyphosate and 75% Reduction in C-Reactive Protein in Pre-Clinical Trial

New product from Purium delivers promising results in gut health.

October 26, 2017

Rancho Dominguez, CA

David Sandoval, Founder and Chief Science Officer of Purium, announced results from a recent study on the company's new gut health product, Biome Medic. Studied under a randomized, product-controlled IRB-approved protocol, the six-week pre-clinical trial reported a 74% reduction of the herbicide glyphosate, a 75% reduction in the inflammatory biomarker C-reactive protein (CRP) and a 35% increase in gut immune response as measured by reduced food sensitivities.

Conducted by Florida-based Internal Medicine Specialist Matthew C. Popkin, M.D. and James Blum, Ph.D., an epidemiologist with thirty years of designing and conducting clinical trials, the study was independently assessed by Dr. Lynn Disney.

While under observation, both the experimental and control groups were requested not to change their eating habits as the control group received an active control placebo and the experimental group received Biome Medic. Subjects entered the study with a wide array of typical eating habits. After the six weeks, there was a substantial decrease of both glyphosate and the inflammatory marker CRP, both being reduced from "high / unhealthy" to "normal / healthy" levels. Specifically, the researchers noted the decrease in glyphosate and CRP levels experienced by the Biome Medic experimental group indicate a lowering of systemic inflammation which is well recognized to have positive health benefits. Elevated CRP is a strong predictor of heart disease as well as other inflammatory conditions.

Sandoval said, "Biome Medic may be an important tool in the fight against genetically-modified foods and harmful herbicides like glyphosate that have infiltrated our food supply. It is getting harder and harder to avoid these chemicals, so Biome Medic was designed to support a healthy microbiome."

Dr. Popkin noted, "These are promising results related to the inflammatory process caused by current dietary habits, which is driving the epidemics in chronic disease as noted by the dramatic increase in rates for obesity, diabetes, cardiovascular disease, gut health / digestive disorders, autoimmune diseases, mental health issues, cognitive decline, and much more.

Dr. Blum summarized by saying "This pilot study represents the first stage of demonstrating the effectiveness of Purium's Biome Medic and is excited about the possibility of further investigation on this product."

The two researchers noted that the study was limited due to the small sample size, only observing middle-aged men, and the six-week duration. There are future-plans to research larger numbers of men and women that are varied in age, gut and inflammatory health and toxicology levels (e.g., phthalates – from plastics). Studies of autistic individuals, those with specific chronic diseases, and those in failing health are also being explored.

About Purium

Family owned and operated Purium, a division of Organic by Nature, Inc., provides whole, raw and green food products without artificial colors and flavors, binders, fillers or genetically modified ingredients. Co-owners Amy Venner-Hamdi and Dave Sandoval have dedicated their lives to educating people about the importance of proper nutrition and creating products that emulate their cause.

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